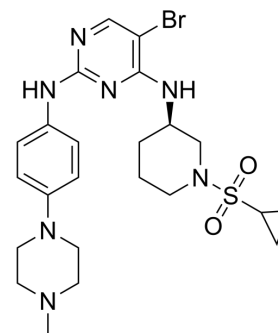


EGFR-IN-78

Cat. No.:	HY-149889
Molecular Formula:	C ₂₃ H ₃₂ BrN ₇ O ₂ S
Molecular Weight:	550.51
Target:	Apoptosis; EGFR
Pathway:	Apoptosis; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EGFR-IN-78 (compound A5) is a 2-aminopyrimidine derivative and is a reversible inhibitor of EGFR ^{C797S} -TK and also an inducer of apoptosis. EGFR-IN-78 shows anti-proliferative activity and inhibits EGFR phosphorylation and arrests cell cycle at G2/M phase ^[1] .
IC₅₀ & Target	EGFR ^{C797S} [1]

REFERENCES

[1]. Mao YZ, et al. Design, synthesis and evaluation of new pyrimidine derivatives as EGFR^{C797S} tyrosine kinase inhibitors. *Bioorg Med Chem Lett.* 2023 Jul 15;91:129381.

Caution: Product has not been fully validated for medical applications. For research use only.

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